

**Organization**

Caracal International

Country

UAE, Middle East

Industry/ Vertical

Manufacturing



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- Mr. Shafin Akbar
Sr. Network and System
Administrator
Caracal

<http://www.cyberoam.com>

Cyberoam Safeguards the Caracal Network from Cyber Threats

About Caracal

Caracal International, based in UAE, is a small arms brand which offers a complete range of small arms solutions. It was officially launched during the International Defence Exhibition, IDEX 2007 in Abu Dhabi. Caracal International is the creator of the celebrated Caracal pistols.

Beginning in 2003, a team of leading European weapon designers, in cooperation with UAE professional weapons users, developed a range of modern pistols incorporating a high content of innovative solutions, protected by internationally registered patents and verified successfully through independent tests.

The final products, i.e., the Caracal F and C 9mm pistols, were subjected to gruelling tests, carried out by the Federal German Armed Forces Testing House WTD91 in Meppen, Germany. These included metallurgic and composite analysis, functional fitness-for-purpose and quality evaluation, endurance firing, environmental exposure, safety and accuracy tests. The Caracal comprehensively passed and now is compliant with the NATO D14 test criteria, along with that of the German TA Police Standard and the Federal Armed Forces Technical Purchasing standard.

The Caracal F and C 9mm pistols were introduced to the international small arms world during the IDEX 2007, which also marked the launch of Caracal International.

The Caracal Challenge

“Internet acts as one of our most critical resources as most of our communication with customers is directed via emails”, said Mr. Shafin Akbar, Sr. Network & System Administrator at Caracal. Like any other organization, Caracal uses Internet as the primary mode of communication as well as for other business activities.

According to Mr. Akbar, Caracal was facing the following network security issues.

Vulnerable Network Perimeter

“We were in search of an Advanced Firewall that would protect our network from the constantly evolving cyber threats”, said Mr. Akbar. He wanted to protect the Caracal network from hacking, remote exploits, Denial-of-service (DoS) attacks and other unpredictable attacks. Also, he wanted to minimize the chances of unauthorized, external sources gaining visibility of the network’s internal resources through Phishing or Pharming.

Unrestricted Internet Usage

Another requirement of Mr. Akbar was to rein in the Internet usage of employees. He wanted to deter users from accessing unproductive, harmful and malware-laden websites which distract employees and expose the network to various attacks. Uploading/downloading of streaming media, which occupied precious bandwidth, also needed to be restricted.



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Insecure Remote Connectivity

Certain employees like senior management and other officials needed to be given secure remote access to internal network resources even when they are not on-site. This would encourage flexible working culminating into improved sales and management.

The Cyberoam Solution

After scouring the market for a suitable network security solution, Mr. Akbar decided to entrust Cyberoam with securing the Caracal network. They deployed One (1) CR 50ia at their Head Office in Abu Dhabi in Gateway Mode. They purchased Cyberoam from Cosmos Computer Co LLC, a partner to Cyberoam. After Cyberoam installation, Mr. Akbar noticed the following business benefits.

Network Perimeter Secured

Cyberoam's ICSA and Checkmark certified firewall provides granular access controls over Internet traffic and the network resources. It examines each data packet to determine whether it should be permitted to travel to the internal LAN or discarded at the gateway itself. Coupled with Intrusion Prevention module, Cyberoam UTM can counter any Denial of Service attack. With a comprehensive database of 4000+ IPS signatures, Mr. Akbar now feels that their network is well protected from several variants of spyware attacks, spoofing and DoS attacks in addition to keyloggers, Trojans and more.

Web Surfing Controlled

Cyberoam has a constantly updated database of millions of sites divided into 82+ categories which allows access only to those sites which are permitted by IT guidelines of the organization. The content filtering blocks all malware-laden sites, P2P, Instant Messengers, illegal audio, video, streaming media and other bandwidth-intensive download. Phishing and Pharming sites are no longer a cause of concern. Moreover, Cyberoam's identity-based filtering allows assigning of individual user Internet access policy, surfing quota, time limits and bandwidth restrictions.

Remote Connectivity Safeguarded

Cyberoam's SSL VPN facilitates secured remote access of network resources by the management even when they are not in the premises. Secure connectivity to the local network from any location, anytime facilitates flexible working. Highly encrypted traffic enforces security over the Internet and ensures that no malware sneaks through.

To Wind Up

Expressing his satisfaction with Cyberoam, Mr. Akbar said, "Cyberoam is a power-packed all-in-one UTM device that gives complete ROI."

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